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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lange et al.

Confirmation No.:

Serial No.: 10/799,097

Examiner in previous case: Leykin, Rita

Filing Date: March 12, 2004

Group Art in previous case: 2837

For: CIRCUIT USING CURRENT LIMITING TO REDUCE POWER CONSUMPTION OF
ACTUATOR WITH DC BRUSH MOTOR

Docket No.: H16876US CON2 (1161.1164103)

TRANSMITTAL SHEET

Assistant Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

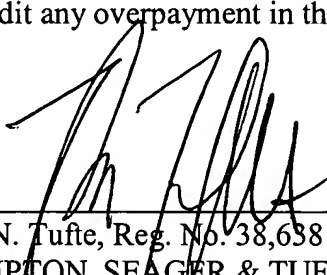
CERTIFICATE UNDER 37 C.F.R. 1.8: I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on this 8th day of June, 2004.

By: _____

Brian N. Tufte

We are transmitting herewith the attached:

- ☒ Information Disclosure Statement, Form PTO-1449 listing 50 references previously cited in parent application serial nos. 09/717,564 and 10/316,710.
- ☒ Please charge any deficiencies or credit any overpayment in the enclosed fees to Deposit Account No. 50-0413.



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INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

Mail Stop Amendment
Assistant Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 C.F.R. 1.8: I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on this 8th day of June, 2004.

By: _____

Brian N. Tufts

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

No representation is intended to be made hereby that any of the cited references establishes, by itself or in combination with other information, a prima facie case of unpatentability of any claim of the present case.



Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. 10/316,710, filed on December 10, 2002 and application Serial No. 09/717,564, filed on November 21, 2000. The references not provided but listed on PTO-Form 1449 were previously submitted in the above-referenced prior applications and, therefore, are not required to be provided on this application under 37 CFR §1.98(d).

Form PTO 1449 also includes art cited by the Examiner on Form PTO 892 in the parent application serial nos. 10/316,710 and 09/717,564.

Respectfully submitted,

Lange et al.

By their attorney,

Dated:

June 8, 2004

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FORM PTO-1449

Page 1 of 2

references cited in parent application serial nos. 09/712,564 &
10/316,710Atty. Docket No.:
H16876US CON2
(1161.1164103)Serial No.:
10/799,097LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

Applicant: Christopher M. Lange

Filing Date:
March 12, 2004Group Art:
unknown

U.S. PATENT DOCUMENTS

| Examiner Initial | Document No. | Date | Name | |
|------------------|--------------|---------|--------------------|--|
| | 3,569,810 | 03/1971 | Thiele | |
| | 3,742,267 | 06/1973 | Papst et al. | |
| | 3,839,662 | 10/1974 | N'Guyen Van | |
| | 3,931,557 | 01/1976 | Osburn | |
| | 4,086,519 | 04/1978 | Persson | |
| | 4,099,704 | 07/1978 | Okumura et al. | |
| | 4,227,664 | 10/1980 | Skutecki | |
| | 4,286,303 | 08/1981 | Genheimer et al. | |
| | 4,332,668 | 06/1982 | Brunson | |
| | 4,364,111 | 12/1982 | Joez | |
| | 4,379,986 | 04/1983 | Baxter et al. | |
| | 4,414,498 | 11/1983 | Gessner, Gerald A. | |
| | 4,423,362 | 12/1983 | Konrad et al. | |
| | 4,445,075 | 04/1984 | Fry | |
| | 4,473,856 | 09/1984 | Takahashi et al. | |
| | 4,491,775 | 01/1985 | Harvey et al. | |
| | 4,547,715 | 10/1985 | Li | |
| | 4,578,605 | 03/1986 | Reinhardt et al. | |
| | 4,613,798 | 09/1986 | Baumann | |
| | 4,623,826 | 11/1986 | Benjamin et al. | |
| | 4,633,152 | 12/1986 | Farr, Aaron V. | |
| | 4,656,407 | 04/1987 | Burney, Charles F. | |
| | 4,725,765 | 02/1988 | Miller | |
| | 4,746,850 | 05/1988 | Abbondanti | |
| | 4,780,653 | 10/1988 | Bezos et al. | |
| | 4,823,063 | 04/1989 | Barba et al. | |
| | 4,844,110 | 07/1989 | Paley | |
| | 4,969,756 | 11/1990 | Villec et al. | |
| | 4,985,666 | 01/1991 | Nakabayashi | |

| | | |
|---|--|---------------------------|
| FORM PTO-1449 Page 2 of 2 references cited in parent application serial nos. 09/717,564 & 10/316,710 | Atty. Docket No.: H16876US CON2 (1161.1164103) | Serial No.: 10/799,097 |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT | Applicant: Christopher M. Lange | |
| | Filing Date: | |
| | March 12, 2004 | |
| Group Art: | | unknown |

| | | | | |
|--|-----------|---------|-----------------------|--|
| | 5,012,168 | 04/1991 | Dara et al. | |
| | 5,017,846 | 05/1991 | Young et al. | |
| | 5,132,602 | 07/1992 | Jorgensen et al. | |
| | 5,291,106 | 03/1994 | Murty et al. | |
| | 5,367,236 | 11/1994 | Salazar | |
| | 5,409,194 | 04/1995 | Blanc et al. | |
| | 5,412,999 | 05/1995 | Vigmostad et al. | |
| | 5,467,808 | 11/1995 | Bell, David | |
| | 5,497,326 | 03/1996 | Berland et al. | |
| | 5,514,947 | 05/1996 | Berg, Steven K. | |
| | 5,517,415 | 05/1996 | Miller et al. | |
| | 5,610,457 | 03/1997 | Kurita | |
| | 5,703,473 | 12/1997 | Phillips et al. | |
| | 5,744,921 | 04/1998 | Makaran | |
| | 5,815,381 | 09/1998 | Newlin, Trevor M. | |
| | 6,078,204 | 06/2000 | Cooper et al. | |
| | 6,249,100 | 06/2001 | Lange, Christopher M. | |
| | 6,329,777 | 12/2001 | Itabashi et al. | |
| | 6,348,752 | 02/2002 | Erdman et al. | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document No. | Date | Country | Translation Yes No |
|------------------|--------------|------|---------|-----------------------|
| | 0895346 A2 | EP | | |

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

| | |
|--|------------------|
| "HVAC Product News," January 27, 1997. | |
| EXAMINER: | DATE CONSIDERED: |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.